

EXISTING SITE PLAN
SCALE 1:200

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LEGEND:

	SITE BOUNDARY
	EXISTING SURFACE WATER SEWER
	EXISTING COMBINED SEWER

2	EXISTING INVERT LEVELS ADDED	RP	JR	AD	20/09/23
REV.	DESCRIPTION	PROD.	VERIF.	APPR.	DATE

PART 8

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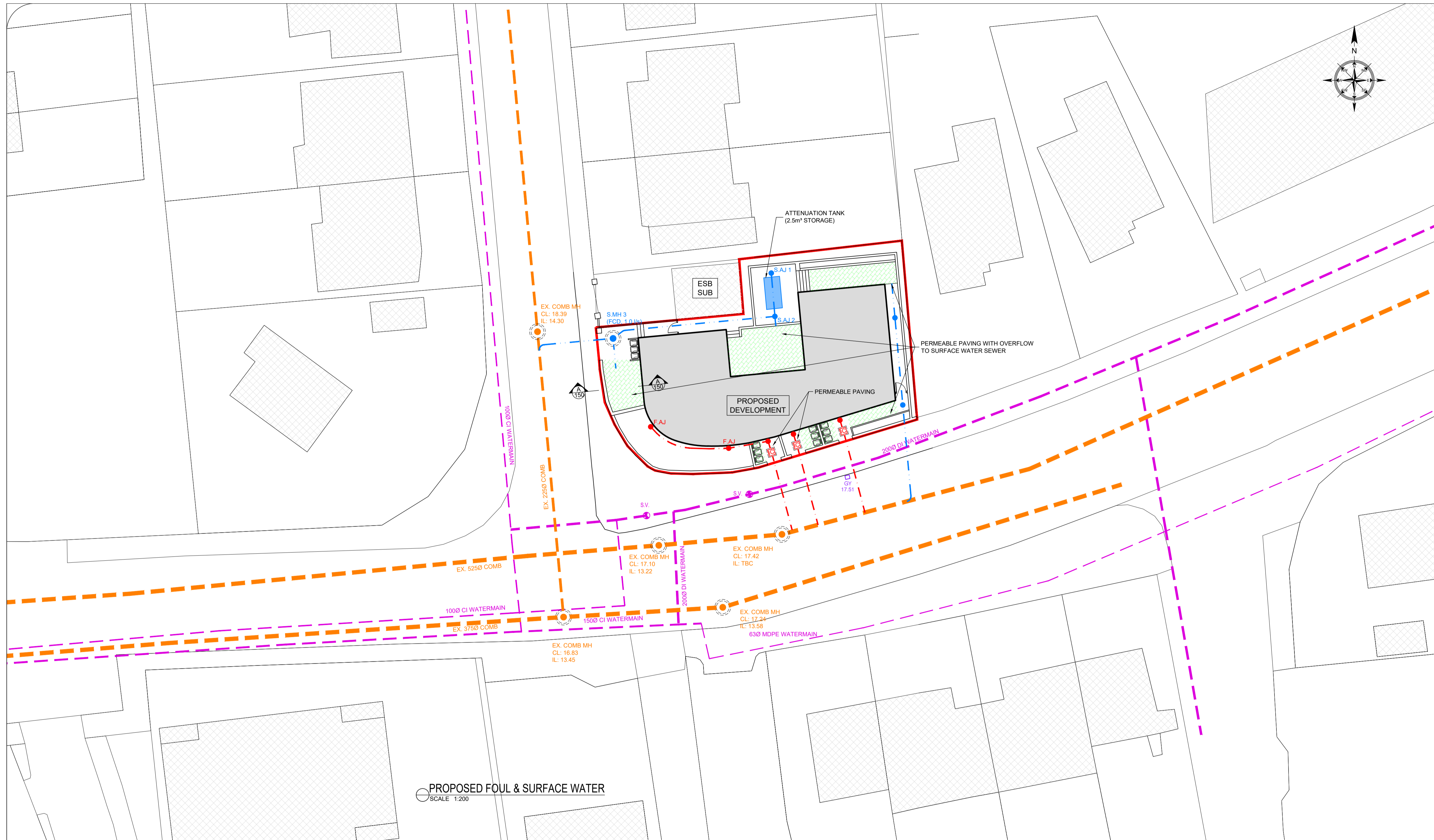
DUBLIN T: 01-4007515 | LIMERICK 061-310-701 | WEXFORD 053-915-2814 | E: info@draconsulting.ie | W: www.draconsulting.ie

CLIENT: CORK CITY COUNCIL

PROJECT: PROPOSED HOUSING AT CLANRICKARDE LODGES, BOREENMANNA ROAD, CORK

TITLE: EXISTING SITE PLAN & WATER SERVICES

DATE:	11/09/2023	SCALES:	AS SHOWN @ A1
DESIGNER:	RP	DRG. No.	23083-100
PRODUCER:	RP	REV.	2
VERIFIER:	JR		
APPROVER:	AD		



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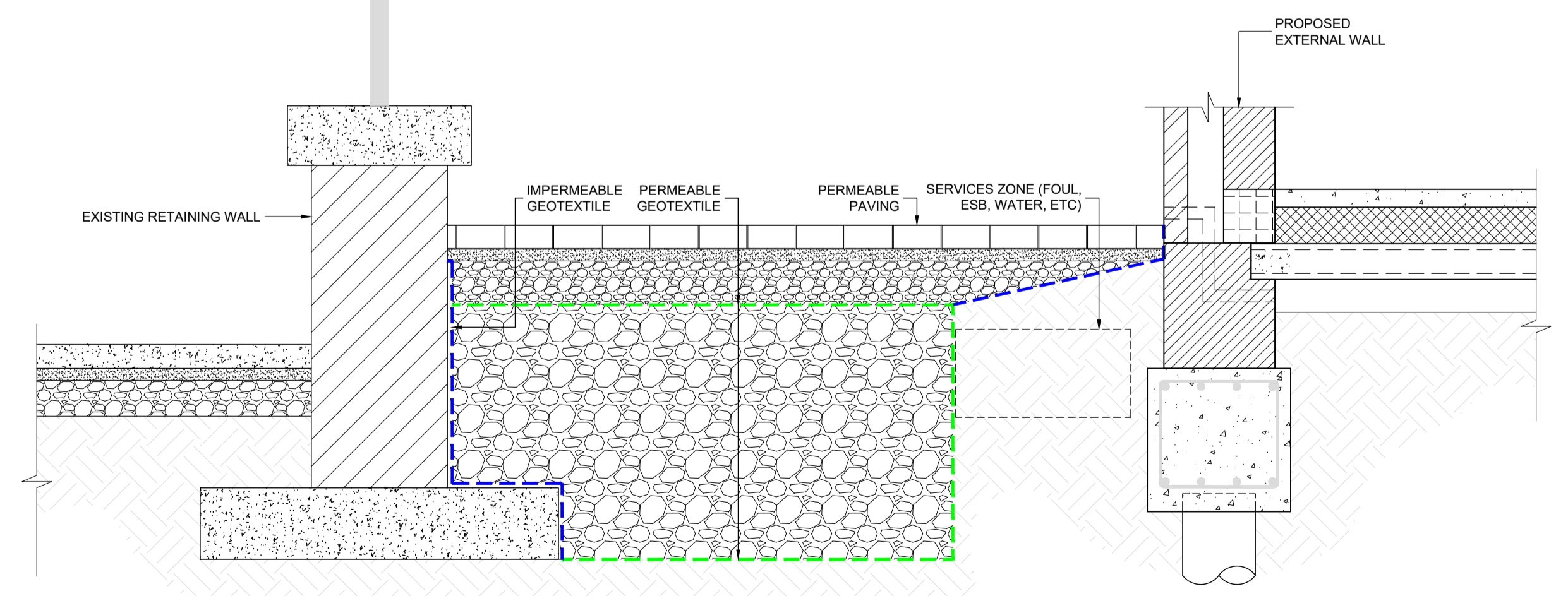
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- LEGEND:**
- SITE BOUNDARY
 - - - PROPOSED SURFACE WATER SEWER (1000 @ 1:100)
 - PROPOSED SURFACE WATER AJ AS PER PART H (400-600mm DEEP Ø300mm)
 - FLOW CONTROL DEVICE. MAX DISCHARGE = X l/s (MANHOLE BENCHES AS PER MANUFACTURERS REQUIREMENTS)
 - ATTENUATION TANK
 - PERMEABLE PAVING
 - - - EXISTING COMBINED SEWER
 - - - PROPOSED FOUL SEWER (1000 @ 1:60 - 1:80)
 - PROPOSED FOUL INSPECTION CHAMBER AS PER IW DETAIL STD-WW-13 (CIRCA 900mm DEEP)
 - PROPOSED FOUL AJ AS PER PART H (400-600mm DEEP, Ø300mm)

PROPOSED FOUL & SURFACE WATER
SCALE 1:200

REV.	DESCRIPTION	PROD.	VERIF.	APPR.	DATE
4	SITE PLAN UPDATED	RP	JR	AD	17/12/24
3	SITE PLAN UPDATED	RP	JR	AD	20/05/24
2	EXISTING INVERT LEVELS ADDED AND DRAINAGE UPDATED	RP	JR	AD	20/09/23

PART 8



DETAIL A-A
SCALE 1:200

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NATIONAL SOCIETY OF ASSOCIATED ENGINEERS

IRI
REGISTERED PROFESSIONAL ENGINEER

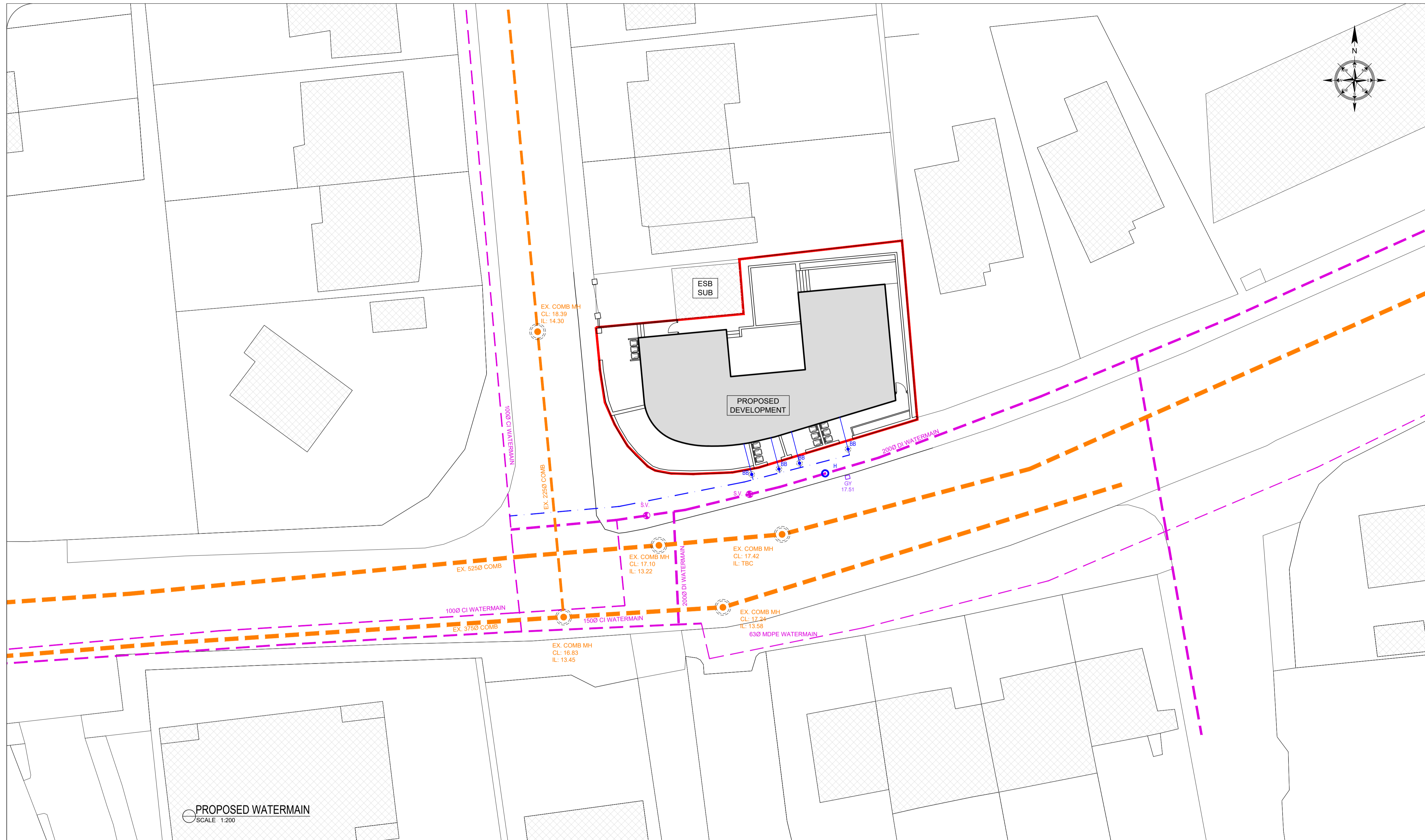
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CLIENT: CORK CITY COUNCIL

PROJECT: PROPOSED HOUSING AT CLANRICKARDE LODGES, BOREENMANNA ROAD, CORK

TITLE: PROPOSED FOUL & SURFACE WATER

DATE:	DESIGNER:	PRODUCER:	VERIFIER:	APPROVER:	SCALES:	ORG. No.	REV.
11/09/2023	RP	RP	JR	AD	AS SHOWN @ A1	23083-150	4



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PROPOSED WATERMAIN
SCALE 1:200

- LEGEND:**
- SITE BOUNDARY
 - - - EXISTING WATERMAIN
 - S.V. Ⓞ EXISTING SLUICE VALVE
 - - - PROPOSED WATERMAIN (630 PE)
 - - - PROPOSED SERVICE CONNECTION (250 PE)
 - H Ⓞ PROPOSED HYDRANT
 - BB Ⓞ PROPOSED BOUNDARY BOX

IRISH WATER STANDARD DETAILS AND CODE PRACTICE:

ALL OF THE SITE WATERMAIN WORKS SHOULD BE CARRIED OUT IN ACCORDANCE WITH IRISH WATER'S (IW) "WATER INFRASTRUCTURE STANDARD DETAILS" AND "CODE OF PRACTICE FOR WATER INFRASTRUCTURE".

- MATERIALS:**
- ALL WATERMAIN PIPE MATERIALS TO BE IN ACCORDANCE WITH SECTION 3.9 OF THE CODE OF PRACTICE.
 - HYDRANTS TO COMPLY WITH BS 750, TYPE 2 SCREW DOWN TYPE & IRISH WATER CODE OF PRACTICE.
 - HYDRANT INDICATOR PLATES TO COMPLY WITH BS 3251 & IRISH WATER CODE OF PRACTICE.

- TESTING:**
- ALL ELEMENTS TO BE TESTED IN ACCORDANCE WITH SECTION 4.10 OF IW CODE OF PRACTICE.

- IRISH WATER INSPECTIONS & AS-BUILTS:**
- CONTRACTOR TO ENSURE THAT IW FIELD ENGINEERS INSPECTS WORKS IN ACCORDANCE WITH QUALITY ASSURANCE (QA) FIELD INSPECTION REQUIREMENTS MANUAL.
 - CONTRACTOR TO ENSURE THAT AS CONSTRUCTED ELEMENTS ARE ADEQUATELY SURVEYED PRIOR TO COVERING UP TO ENSURE AS-BUILT DRAWINGS IN ACCORDANCE WITH QUALITY ASSURANCE (QA) FIELD

4	WATERMAIN REVISED	RP	JR	AD	10/01/25
3	SITE PLAN REVISED	RP	JR	AD	17/12/24
2	SITE PLAN REVISED	RP	JR	AD	24/04/24
REV.	DESCRIPTION	PROD.	VERIF.	APPR.	DATE

PART 8

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MEMBER

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CLIENT: CORK CITY COUNCIL	
PROJECT: PROPOSED HOUSING AT CLANRICKARDE LODGES, BOREENMANNA ROAD, CORK	
TITLE: PROPOSED WATERMAIN	
DATE: 11/09/2023	SCALE: AS SHOWN @ A1
DESIGNER: RP	DRG. No. 23083-160
PRODUCER: RP	REV. 4
VERIFIER: JR	
APPROVER: AD	